822 Customer Account Analysis

Functional Group ID=AA

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Customer Account Analysis Transaction Set (822) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit detailed balance, service charge and adjustment detail primarily from a bank to its corporate clients. However, this transaction set can also be used between or within corporations.

Notes:

Currency used throughout transaction set = US Dollars. All dollar entries shall be the correct amount, no commas used.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
Must Use	030	DTM	Date/Time/Period	M	3		n1
Must Use	040	N1	Name	M	1		n2
Not Used	050	N2	Additional Name Information	O	2		
Not Used	060	N3	Address Information	O	2		
Not Used	070	N4	Geographic Location	O	1		
Not Used	090	PER	Administrative Communications Contact	O	3		
			LOOP ID - RTE			13	
Not Used	100	RTE	Rate Details	O	1		
Not Used	105	DTM	Date/Time/Period	O	1		
Not Used	110	CUR	Currency	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - N1			500	
Must Use	010	N1	Name	M	1		n3
	020	N2	Additional Name Information	O	2		
Not Used	030	N3	Address Information	O	2		
Not Used	040	N4	Geographic Location	O	1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	080	CUR	Currency	O	1		
			LOOP ID - ACT			5000	

				Req. Des.	Max.Use			
	100	ACT	Account Identification	O	1			
	105	ADJ	Adjustments to balances or services.	O	1000			
			LOOP ID - RTE				13	
	106	RTE	Rate Details	O	1			
	107	DTM	Date/Time/Period	O	1			
			LOOP ID - BAL				100	
	110	BAL	Balance Detail	O	1			
	120	AMT	Monetary Amount	O	25			
Not Used	130	DTM	Date/Time/Period	O	5			
			LOOP ID - SER				1000	
	140	SER	Service Charges	O	1			
Not Used	145	CTP	Pricing Information	O	99			
Not Used	150	DTM	Date/Time/Period	O	5			

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	M	1		n4
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. At least one DTM segment, for the period-ending date, must be used. Others are period-starting date and statement-issued date.
2. This N1 identifies the financial institution transmitting the account analysis.
3. This N1 is the receiver of the financial statement.
4. Number of line items (CTT01) is a count of the ACT segments.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			822 X12.25 Customer Account Analysis	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Transaction Set Control Number is assigned by the Originator. It must be same value as Group Control Number at SE02.	

Segment:	**BGN** Beginning Segment
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a transaction set
Syntax Notes:	1 If BGN05 is present, then BGN04 is required.
Semantic Notes:	1 BGN02 is the transaction set reference number.
	2 BGN03 is the transaction set date.
	3 BGN04 is the transaction set time.
	4 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:	1 BGN05 is the transaction set time qualifier.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	BGN01	353	**Transaction Set Purpose Code**	M	ID 2/2

Code identifying purpose of transaction set

All original 822s must be "00". All replacement 822s must be "05".

00	Original
05	Replace

	Ref. Des.	Data Element	Name	Attributes	
Must Use	BGN02	127	**Reference Number**	M	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	BGN03	373	**Date**	M	DT 6/6

Date (YYMMDD)

Date transaction set created.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	BGN04	337	**Time**	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	Ref. Des.	Data Element	Name	Attributes	
Not Used	BGN05	623	**Time Code**	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

LT	Local Time

	Ref. Des.	Data Element	Name	Attributes	
	BGN06	127	**Reference Number**	O	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

USE for replacement 822 messages (BGN01 = 05).
DO NOT USE for original 822 message (BGN01 = 00).

| Not Used | BGN07 | 640 | **Transaction Type Code** | | **O** | **ID 2/2** |

Code specifying the type of transaction

Refer to 003040 Data Element Dictionary for acceptable code values.

| Not Used | BGN08 | 306 | **Action Code** | | **O** | **ID 1/2** |

Code indicating type of action

Refer to 003040 Data Element Dictionary for acceptable code values.

Segment: **DTM** Date/Time/Period

Position:	030
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	3
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID 3/3

Code specifying type of date or time, or both date and time

Either 150 or 151 can be used by themselves or both can be used at the same time.

150		Service Period Start
151		Service Period End

	Ref. Des.	Data Element	Name		Attributes
	DTM02	373	**Date**	X	DT 6/6

Date (YYMMDD)

Last calendar day of statement month; date applies to all statements.

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM03	337	**Time**	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM04	623	**Time Code**	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003040 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM05	624	**Century**	O	N0 2/2

The first two characters in the designation of the year (CCYY)

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM06	1250	**Date Time Period Format Qualifier**	X	ID 2/3

Code indicating the date format, time format, or date and time format

D6		Date Expressed in Format YYMMDD

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM07	1251	**Date Time Period**	X	AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**N1** Name		
Position:	040		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**	**M**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			BK Bank		
	N102	93	**Name**	**X**	**AN 1/35**
			Free-form name		
			Depository Name (822 Originator).		
	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			FRRC = Routing Transit Number (RTN).		
			13 Federal Reserve Routing Code (FRRC)		
	N104	67	**Identification Code**	**X**	**AN 2/17**
			Code identifying a party or other code		
			Depository RTN including check digit (9 characters).		
Not Used	N105	706	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Not Used	N106	98	**Entity Identifier Code**	**O**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003040 Data Element Dictionary for acceptable code values.		

Segment:	**N1** Name		
Position:	010		
Loop:	N1 Mandatory		
Level:	Detail		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			AO Account Of		
	N102	**93**	**Name**	**X**	**AN 1/35**
			Free-form name		
Not Used	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Not Used	**N104**	**67**	**Identification Code**	**X**	**AN 2/17**
			Code identifying a party or other code		
Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003040 Data Element Dictionary for acceptable code values.		

	Segment:	**N2** Additional Name Information
	Position:	020
	Loop:	N1 Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify additional names or those longer than 35 characters in length
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N201**	**93**	**Name**	**M**	**AN 1/35**
			Free-form name		
	N202	**93**	**Name**	**O**	**AN 1/35**
			Free-form name		

	Segment:	**ACT** Account Identification
	Position:	100
	Loop:	ACT Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify account information

Syntax Notes:	1	If either ACT03 or ACT04 is present, then the other is required.
	2	If ACT05 is present, then ACT06 is required.
	3	If ACT07 is present, then ACT05 is required.
Semantic Notes:	1	ACT02 is the name of the account in ACT01.
	2	ACT07 is the name associated with the account identified in ACT06.
Comments:	1	ACT06 is an account associated with the account in ACT01.
	2	ACT08 indicates if the data for the account in ACT01 is used for billing or information purposes.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	ACT01	508	**Account Number**	M	**AN 1/35**
			Account number assigned		
			Individual Federal Agency Demand Deposit Account (DDA) number.		
	ACT02	93	**Name**	O	**AN 1/35**
			Free-form name		
			Use standard Federal Agency Name and Program Name.		
	ACT03	66	**Identification Code Qualifier**	X	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			FRRC = Routing Transit Number (RTN).		
		13	Federal Reserve Routing Code (FRRC)		
	ACT04	67	**Identification Code**	X	**AN 2/17**
			Code identifying a party or other code		
			RTN including check digit (9 characters).		
Not Used	ACT05	569	**Account Number Qualifier**	X	**ID 1/3**
			Code indicating the type of account		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Not Used	ACT06	508	**Account Number**	X	**AN 1/35**
			Account number assigned		
Not Used	ACT07	3	**Free Form Message**	O	**AN 1/60**
			Free-form text		
	ACT08	107	**Payment Method Code**	O	**ID 1/1**
			Code identifying type of payment procedures		

I   Invoiced Separately

Segment:	**ADJ** Adjustments to balances or services.
Position:	105
Loop:	ACT Optional
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To identify adjustments to account balances or service charges on the account

Syntax Notes:	1	If either ADJ08 or ADJ09 is present, then the other is required.
	2	If ADJ13 is present, then ADJ09 is required.
	3	If ADJ14 is present, then ADJ09 is required.
	4	If ADJ15 is present, then ADJ09 is required.
	5	If either ADJ16 or ADJ17 is present, then the other is required.

Semantic Notes:	1	ADJ02 is the adjustment amount.
	2	ADJ03 is the adjustment to the average collected balance.
	3	ADJ04 is the date of the original financial transaction.
	4	ADJ05 is the date the adjustment was processed.
	5	ADJ10 is the price change.
	6	ADJ11 is the old price.
	7	ADJ12 is the new price.
	8	ADJ13 is the volume charge.
	9	ADJ14 is the old volume.
	10	ADJ15 is the new volume.
	11	ADJ16 is the subservice identifier.
	12	ADJ17 is the actual subservice number.

Comments:	1	ADJ06 is recommended for float and ledger balance adjustments.
	2	ADJ08 and ADJ09 are needed to identify the product or service to which the adjustment applies.

Notes: *Adjustments may be made for service price and volume.*
Use "" for ADJ10-ADJ12 for volume adjustments.*
Use "" for ADJ13-ADJ15 for service price adjustments.*
However, entries in both segment sets may be valid.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ADJ01	952	**Adjustment Application Code**	M ID 1/2

Code for area to which adjustment applies

F		Float
L		Ledger
S		Service Charge

	Ref. Des.	Data Element	Name	Attributes
Must Use	ADJ02	782	**Monetary Amount**	M R 1/15

Monetary amount

Service Adjustment amount in $$.cc.

	Ref. Des.	Data Element	Name	Attributes
Must Use	ADJ03	782	**Monetary Amount**	M R 1/15

Monetary amount

Must Use	ADJ04	373	Date	M	DT 6/6

Date (YYMMDD)

Date of original transaction.

Must Use	ADJ05	373	Date	M	DT 6/6

Date (YYMMDD)

Date adjustment was processed.

Not Used	ADJ06	607	Number of Days	O	N0 1/3

Count of Days

	ADJ07	352	Description	O	AN 1/80

A free-form description to clarify the related data elements and their content

Free form description clarifying adjustment action.

	ADJ08	235	Product/Service ID Qualifier	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003040 Data Element Dictionary for acceptable code values.

	ADJ09	234	Product/Service ID	X	AN 1/30

Identifying number for a product or service

	ADJ10	610	Amount	O	N2 1/15

Monetary amount

Dollar amount of service adjustment. Absolute dollars; no negative numbers.

	ADJ11	610	Amount	O	N2 1/15

Monetary amount

The per item service charge which is being adjusted. The prior statement per item price of service in $$.cc format.

	ADJ12	610	Amount	O	N2 1/15

Monetary amount

The current Lockbox Depositary Agreement (LDA) price per service in $$.cc format.

	ADJ13	380	Quantity	O	R 1/15

Numeric value of quantity

The true value of volume which is being adjusted. Absolute numbers; no negative values.

	ADJ14	380	Quantity	O	R 1/15

Numeric value of quantity

The reported value of volume for which the adjustment is applicable.

	ADJ15	380	Quantity	O	R 1/15

Numeric value of quantity

The correct value of volume applicable to the service adjustment.

	ADJ16	128	Reference Number Qualifier	X	ID 2/2

Code qualifying the Reference Number.

LB   Lockbox

| **ADJ17** | **127** | **Reference Number** | **X** | **AN 1/30** |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Agency lockbox number affected by the adjustment.

Segment:	**RTE** Rate Details	
Position:	106	
Loop:	RTE	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the earnings, rates and multipliers for this account	
Syntax Notes:		
Semantic Notes:	**1**	RTE03 is the analysis month net collected amount per $1.00 service charge, net of reserves.
	2	RTE04 is the number of days in the analysis month used in the application of the rate information.
	3	RTE05 is the number of days in the analysis year used in the application of the rate information.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	RTE01	1387	**Rate Qualifier**	M	ID 1/2
			Code indicating the type of interest rate		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Must Use	RTE02	953	**Interest Rate**	M	R 1/6
			The interest rate as a percentage		
Not Used	RTE03	782	**Monetary Amount**	O	R 1/15
			Monetary amount		
Not Used	RTE04	607	**Number of Days**	O	N0 1/3
			Count of Days		
Not Used	RTE05	607	**Number of Days**	O	N0 1/3
			Count of Days		

Segment:	**DTM** Date/Time/Period	
Position:	107	
Loop:	RTE	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM06 is required.
	2	If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID 3/3

Code specifying type of date or time, or both date and time

Refer to 003040 Data Element Dictionary for acceptable code values.

	DTM02	373	**Date**	X	DT 6/6

Date (YYMMDD)

	DTM03	337	**Time**	X	TM 4/8
Not Used					

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	DTM04	623	**Time Code**	O	ID 2/2
Not Used					

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003040 Data Element Dictionary for acceptable code values.

	DTM05	624	**Century**	O	N0 2/2
Not Used					

The first two characters in the designation of the year (CCYY)

	DTM06	1250	**Date Time Period Format Qualifier**	X	ID 2/3
Not Used					

Code indicating the date format, time format, or date and time format

Refer to 003040 Data Element Dictionary for acceptable code values.

	DTM07	1251	**Date Time Period**	X	AN 1/35
Not Used					

Expression of a date, a time, or range of dates, times or dates and times

Segment: **BAL** **Balance Detail**
Position: 110
Loop: BAL   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the specific monetary balances associated with a particular account
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	BAL01	951	**Balance Type Code**	M	ID 1/2
			Code indicating the type of balance		
			M Current Month		
Must Use	BAL02	522	**Amount Qualifier Code**	M	ID 1/2
			Code to qualify amount		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Must Use	BAL03	782	**Monetary Amount**	M	R 1/15
			Monetary amount		

Segment: $\quad$ **AMT** Monetary Amount
Position: $\quad$ 120
Loop: $\quad$ BAL $\qquad$ Optional
Level: $\quad$ Detail
Usage: $\quad$ Optional
Max Use: $\quad$ 25
Purpose: $\quad$ To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	AMT01	522	**Amount Qualifier Code**	M	ID 1/2
			Code to qualify amount		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Must Use	AMT02	782	**Monetary Amount**	M	R 1/15
			Monetary amount		

Segment:	**SER** Service Charges	
Position:	140	
Loop:	SER Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the details of the service charges levied	
Syntax Notes:	1	At least one of SER03 or SER04 is required.
Semantic Notes:	1	SER03 is collected balance required (Account balance needed to compensate for service charge).
	2	SER04 is the service charge.
	3	SER08 is the pricing structure.
	4	SER09 is the method of compensation.
	5	SER10 is the subservice identifier.
	6	SER11 is the subservice number.
Comments:		
Notes:	*Pricing for volume tiers shall be accurately portrayed in SER05 and SER06. No special ID Qualifiers are necessary for tiered pricing volume or service charge.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SER01	235	**Product/Service ID Qualifier**	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Must Use	SER02	234	**Product/Service ID**	M	AN 1/30
			Identifying number for a product or service		
Not Used	SER03	782	**Monetary Amount**	X	R 1/15
			Monetary amount		
	SER04	782	**Monetary Amount**	X	R 1/15
			Monetary amount		
			Total monthly charge for service in $$.cc format.		
	SER05	212	**Unit Price**	O	R 1/14
			Price per unit of product, service, commodity, etc.		
			Lockbox service price in $$.cc format.		
	SER06	380	**Quantity**	O	R 1/15
			Numeric value of quantity		
			Quantity = correct monthly volume for per item services.		
	SER07	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
	SER08	236	**Price Identifier Code**	O	ID 3/3

		Code identifying pricing specification		
		STA	Standard Price	
			Indicates a standard unit price, including all surcharges	
SER09	**107**	**Payment Method Code**	**O**	**ID 1/1**
		Code identifying type of payment procedures		
		I	Invoiced Separately	
SER10	**128**	**Reference Number Qualifier**	**O**	**ID 2/2**
		Code qualifying the Reference Number.		
		LB	Lockbox	
SER11	**127**	**Reference Number**	**O**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Federal Agency Lockbox number corresponding to the DDA number identified in ACT01.

Segment:	**CTT** Transaction Totals			
Position:	010			
Loop:				
Level:	Summary			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To transmit a hash total for a specific element in the transaction set			
Syntax Notes:	1	If CTT03 is present, then CTT04 is required.		
	2	If CTT05 is present, then CTT06 is required.		
Semantic Notes:				
Comments:	1	This segment is intended to provide hash totals to validate transaction completeness and correctness.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	
			Total # of accounts in 01.	
Not Used	CTT02	347	**Hash Total**	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	
			Example:	
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
Not Used	CTT03	81	**Weight**	O R 1/10
			Numeric value of weight	
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003040 Data Element Dictionary for acceptable code values.	
Not Used	CTT05	183	**Volume**	O R 1/8
			Value of volumetric measure	
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003040 Data Element Dictionary for acceptable code values.	
Not Used	CTT07	352	**Description**	O AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**SE** **Transaction Set Trailer**	
Position:	020	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SE01**	**96**	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	**SE02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Transaction Set Control Number identifies individual transactions.

The Control Number is maintained by the Originator. It must be the same as ST02.